SmarterHUMANIZE lite Manual

What is SmarterHUMANIZE lite?

SmarterHUMANIZE lite is the FREE, streamlined version of the advanced SmarterHUMANIZE 2.0 script for Logic Pro's Scripter. Designed to instantly improve the feel of your MIDI, it uses smart timing delays and subtle randomness to create expressive, human-like grooves — without the complexity.

It focuses on just two powerful features:

• **Delay Amount:** intelligently shifts MIDI notes based on musical context:

  • Downbeats - always stay in time

  • Quarters - a small amount of delay/movement

  • Eighths - more delay/movement

  • Sixteenths - the most delay/movement

• **Randomize Amount:** adds natural variation to those delays for a more organic, realistic feel.

  • 0 = notes play based strictly on how the delays are set (useful if you want to change the rhythmic feel, and don't want any variation)

  • 100 = note timing is randomly varied through the whole range from original position to the full value the delay slider is set to.

    • (Note: the "Randomize Amount" only works within the delay range the user sets, so if the "Delay Amount" is set to zero, there is no range of timings except the original timing to choose from, and the timing will stay the same. Always make sure to adjust the "Delay Amount" if using the "Randomize Amount" slider.)

Perfect for producers, composers, and musicians who want better groove without having to dial in a dozen settings.
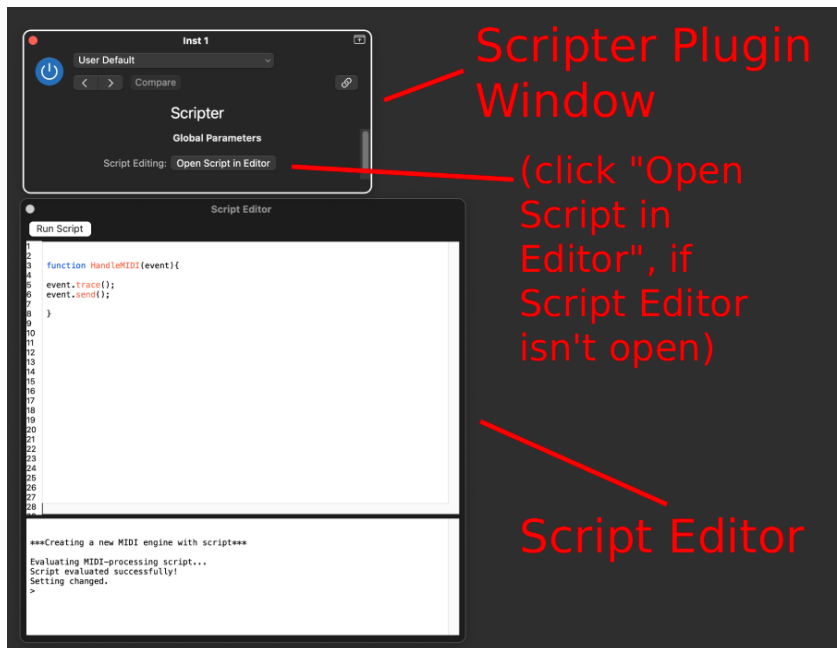
Part 1: Loading the Script:

1. Check your email for a message from Positive Pressure Audio. Click the link to the script download and download it (anywhere on your computer is fine for now).

2. Open the script in a text editor. TextEdit works great for this.

3. In Logic, open a session, and on a Software Instrument track add the Scripter MIDI FX.

4. Back in your text editor, with the script open Select All of the code and copy it.

5. Back in Logic, find the "Script Editor" window that should've opened along with the Scripter Plugin window. If the Script Editor is not visible, click the button "Open Script in Editor" to show it.

6. Click inside the Script Editor, and if there is any code in the window "Select All" and delete it. Then paste in the SmarterHUMANIZE script you copied from the text file.

7. Click the "Run Script" button in the Script Editor once the code is pasted in to load the script.

8. If you want to, you can now save the script as "SmarterHUMANIZE lite" so you can use the Scripter menu to find it in other projects. The default save location for Scripter presets is: ~/Music/Audio Music Apps/Plug-In Settings/Scripter/

9. To access the script in other projects in the future simply click the dropdown box at the top of the Scripter Plugin Window and it will show a list of all the scripts you have available.

Part 2: Using SmarterHUMANIZE lite:

Delay Amount:

Slide the slider to set how much SmarterHUMANIZE Lite should delay your MIDI notes.

Behind the scenes, the script intelligently applies musically appropriate delays to:

- Downbeats

- Quarter notes

- Eighth notes

- Sixteenth notes

The algorithm mimics how real musicians tend to naturally play. Primary beats like downbeats and quarter notes tend to be played more precisely, while smaller subdivisions like eighths and sixteenths are played with more variation and nuance.

Typical humanization doesn't have a logic for treating different beats/subdivisions independently, so it randomizes all the notes equally. Without a musical hierarchy, based on the way a musician plays, it ends up doing things like making downbeats out of time, which sounds like a mistake, and feels messy. SmarterHUMANIZE understands where each note is in the bar and applies a smart amount of timing change, giving your MIDI a better groove with just a few simple adjustments.

Tip: Low values sound tight and subtle. Higher values introduce more noticeable feel and swing.

Randomize Amount

Slide the slider to add realistic variation to your delays.

🔍 *Important: The Randomize Amount only has an effect if the Delay Amount is greater than zero. No delay = no variation.*

- At 0%, the delays are the full value of the "Delay Amount" slider.

- At 100%, each note's timing is varied randomly from their original position to the full value of the "Delay Amount" slider.

  - **Tip:** If you set a groove using the "Delay Amount" slider and want it locked to that feel, use a low percentage. If you want a looser, more "human" feel, dial up the "Randomize Amount" until you find the sweet spot.

❗ Limitations in "lite" (What You Get in 2.0)

SmarterHUMANIZE lite is designed for simplicity and instant groove enhancement. If you're looking for deep control, here's what's waiting for you in SmarterHUMANIZE 2.0:

Feature	Lite	2.0
Works in 4/4	✅	✅ + many more time signatures
Delay by beat/subdivision	✅ (fixed setting)	✅ (detailed per-beat/subdivision control)
Randomize delay	✅	✅
Velocity shaping	❌	✅ per-beat/subdivision
Velocity randomization	❌	✅ per-beat/subdivision
Input velocity modes (Min/Max/Fixed)	❌	✅
Global min/max velocity limits	❌	✅
Mono Synth Mode	❌	✅
Global processing (Wet/Dry)	❌	✅
Negative delay support	❌	✅
Preset saving and automation	✅	✅

💡 Why Upgrade to 2.0?

SmarterHUMANIZE 2.0 unlocks full control over both timing and velocity — with beat-by-beat precision, support for multiple time signatures, mono synth-safe playback, and global processing controls. It gives you a level of control you won't find in any other humanizing tool.

Sometimes SmarterHUMANIZE lite will be all you need, but with 2.0, you can have total control over your groove and go from "that's better" to "this feels like a real performance" in no time.

Ready to unlock the full power of SmarterHUMANIZE?

👉 Get SmarterHUMANIZE 2.0: http://www.positivepressureaudio.com

Credits

Developed by David Gregory Byrne / Positive Pressure Audio

Thank you so much for your interest in this script. Please visit us at
www.positivepressureaudio.com to learn more about our products, and join a community
of musicians dedicated to smart and affordable musical tools.